

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
24 February 2005 (24.02.2005)

PCT

(10) International Publication Number
WO 2005/016621 A1

(51) International Patent Classification⁷: **B29C 45/00.**
E05D 1/00, 9/00, 11/08

(74) Agents: **BALDWIN, Mark et al.; R G C JENKINS & CO.,**
26 Caxton Street, London SW1H 0RJ (GB).

(21) International Application Number:
PCT/GB2004/003506

(22) International Filing Date: 13 August 2004 (13.08.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
0319240.8 15 August 2003 (15.08.2003) GB

(71) Applicant (for all designated States except US): **TRW**
SYSTEMS LTD [GB/GB]; Stratford Road, Solihull, B90
4AX (GB).

(72) Inventors; and

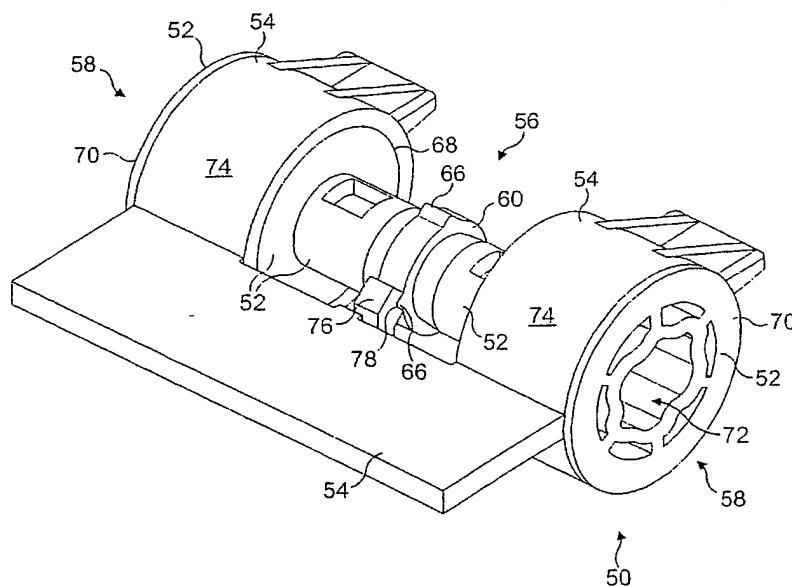
(75) Inventors/Applicants (for US only): **WHITE, Paul**
[GB/GB]; 5 Radstone Place, Luton, Bedfordshire LU2
8SL (GB). **LEVETT, Keith, Sydney** [GB/GB]; 2 Villiers
Close, Buckingham, Buckinghamshire MK18 1JH (GB).

(81) Designated States (unless otherwise indicated, for every
kind of national protection available): AE, AG, AL, AM,
AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,
KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,
MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG,
PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM,
TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM,
ZW.

(84) Designated States (unless otherwise indicated, for every
kind of regional protection available): ARIPO (BW, GH,
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,
ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,
FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI,
SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ,
GW, ML, MR, NE, SN, TD, TG).

[Continued on next page]

(54) Title: A HINGE AND METHOD OF MOULDING A HINGE



(57) Abstract: The present invention is concerned with a hinge (50) and a method of moulding the hinge. The hinge comprises: a first part (52) and a second part (54) connected together during moulding to allow relative pivotal movement between the parts. The second part is moulded over the first part after moulding of the first part to form an interface (68) between the second part and the first part at which relative pivotal movement is allowed. After moulding of the second part the second part shrinks in a controlled manner to provide a predetermined frictional force at the interface between the first part and the second part in order to resist said relative pivotal movement.

DESIGN AVAILABLE COPY

WO 2005/016621 A1



Published:

— with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

BEST AVAILABLE COPY